

CLAIMS

1. A device comprising:

a motor having a frame of which surface is conductive;
a grounding terminal disposed at a place facing the frame;

and

an elastic member made of conductive resin and disposed
between the frame and said grounding terminal.

2. A device comprising:

(a) a motor having a frame of which surface is conductive
and a motor terminal shaping in a leaf spring;

(b) a feeding terminal for powering said motor and
disposed at a place facing the motor terminal;

(c) a grounding terminal disposed at a place facing the
frame;

(d) a first elastic member made of insulating resin and
disposed for urging the motor terminal to said feeding terminal; and

(e) a second elastic member made of conductive resin and
disposed between the frame and said grounding terminal.

3. A device comprising:

(a) a motor having a frame of which surface is conductive,
a first motor terminal and a second motor terminal both shaping in leaf
springs;

(b) a first feeding terminal for powering said motor and
disposed at a place facing the first motor terminal;

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(c) a second feeding terminal for powering said motor and disposed at a place facing the second motor terminal;

(d) a first elastic member made of insulating resin and disposed for urging the first motor terminal to said first feeding terminal; and

5 (e) a second elastic member made of conductive resin, disposed between the frame and said second feeding terminal, and disposed for urging the second motor terminal to said second feeding terminal.

4. The device as defined in Claim 1 further comprising:

10 a housing; and

a board having said grounding terminal,

wherein said motor and said elastic member are sandwiched between said housing and said board.

15 5. The device as defined in Claim 2 further comprising:

a housing; and

a board having said feeding terminal and said grounding terminal,

20 wherein said motor, said first and said second elastic members are sandwiched between said housing and said board.

6. The device as defined in Claim 3 further comprising:

a housing;

25 a board including said first and said second feeding terminals,

wherein said motor, said first and said second elastic members are sandwiched between said housing and said board.

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7. The device as defined in Claim 2, wherein said first and second elastic members are unitarily formed by two-color-molding method.

5 8. The device as defined in Claim 3, wherein said first and second elastic members are unitarily formed by two-color-molding method.

9. The device as defined in Claim 1, wherein said elastic member is synthetic rubber.

10 10. The device as defined in Claim 2, wherein said first and said second elastic members are synthetic rubber.

11. The device as defined in Claim 3, wherein said first and said second elastic members are synthetic rubber.

12. The device as defined in Claim 1, wherein the frame roughly shapes in a cup, and an opening of the cup is covered by said elastic member.

20 13. The device as defined in Claim 2, wherein the frame roughly shapes in a cup, and an opening of the cup is covered by said second elastic member.

25 14. The device as defined in Claim 3, wherein the frame roughly shapes in a cup, and an opening of the cup is covered by said second elastic member.

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15. The device as defined in Claim 4 further comprising a radio transceiver mounted to said board.

16. The device as defined in Claim 5 further comprising a radio transceiver mounted to said board.

17. The device as defined in Claim 6 further comprising a radio transceiver mounted to said board.

18. The device as defined in Claim 1, wherein said motor includes an unbalance mechanism for generating a vibration due to rotating.

19. The device as defined in Claim 2, wherein said motor includes an unbalance mechanism for generating a vibration due to rotating.

20. The device as defined in Claim 3, wherein said motor includes an unbalance mechanism for generating a vibration due to rotating.

21. A motor including a frame having a conductive surface, wherein said frame is conductive to a grounding terminal of a device via an elastic member made of conductive resin.

22. A motor comprising:

a frame of which surface is conductive; and

a motor terminal shaping in a leaf spring,

wherein said motor terminal is urged by a first elastic member made of insulating resin to a feeding terminal of a device, and said

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frame is conductive to a grounding terminal of the device via a second elastic member made of conductive resin.

23. A motor comprising:

5 a frame of which surface is conductive; and
a first and a second motor terminals both shaping in leaf
springs;

wherein said first motor terminal is urged by a first elastic member made of insulating resin to a first feeding terminal of a device,

10 said second motor terminal is urged by a second elastic member made of conductive resin to a second feeding terminal of the device, and

said frame is conductive to said second motor terminal via the second elastic member.

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